

REMARKS

There were 22 claims prior to this Office Action. Following this response to the Office Action there are 22 claims numbered 1 – 22. There are 4 independent claims and 18 dependent claims. Claims 1, 11, 19 and 21 are the independent claims. Claims 2 – 10, 12 – 18, 20, and 22 are the dependent claims. Claims 1, 9, 11, 19 and 21 are currently amended.

Reconsideration and allowance of the claims argued herein is respectfully requested.

Review of the Cited Art

Rutherglen appears to teach a system for accessing data behind a security mechanism. It appears that a client executes a first application having a series of instructions that include accessing data from a database. These proxy objects are used to indirectly access a database. An application server executing a second application interacts with the database and has a set of corresponding objects and a set of drivers that interface with the database so that the application server requests data from the database. This system causes the client to interact indirectly with the database by going through the application server. A preferred embodiment is Java dependent.

Conversely, the Application includes a method for reliable and secure large file transfers from behind a secure firewall and includes the ability to restart transfer of a large message at a midpoint within the message.

Claim objections

At page 2 the Examiner objects to claim 9 as being dependent from itself. Applicant has taken the appropriate corrective action of amending claim 9, so that it depends from claim 8 as was originally intended.

The § 102 Rejections

At page 2 of the Office Action, the Examiner rejects claims 1 – 2, 4 – 12, and 14 - 22 under 35 U.S.C. 102(e) as being anticipated by Rutherglen, US Patent Application Publication 2003/0033517.

Claims 1 - 10

At page 3 the Examiner rejects claim 1. The Examiner specifically cites and argues against all of Applicant's claim fragments of claim 1 except the line that states "receiving the web page and the applet from the web site;" This portion of claim 1 provides an important distinction from the Examiner-cited art by claiming the responsive action of the server to the client's accessing of the web site. That response is to send the web page and applet from the web site to the client. Conversely, it appears that the server in Rutherglen simply responds to contact from the client by causing the client to interact with the database through the application server. Applicant cannot find that Rutherglen

teaches or discloses receiving a web page and an applet from the server, thus Rutherglen does not teach the invention.

Applicant has amended claim 1 to include “restarting at some midpoint said transferring of said file between the file transfer gateway and the server through the firewall.” Rutherglen is not seen to teach or disclose restarting transfer at some midpoint, thus Rutherglen does not teach the invention.

For at least these reasons it is believed that claim 1 is allowable over Rutherglen. Claims 2 – 10 depend directly or indirectly from claim 1 and for at least this reason and the reasons cited incident to claim 1 are believed to also be allowable.

Claim 7

At page 4, the Examiner states that Rutherglen discloses transferring a file between the file transfer gateway and the server is performed over a virtual channel between the file transfer service at the file gateway and a file transfer adapter at the server as is claimed by Applicant in claim 7. The Examiner directs Applicant to paragraphs 0038 and 0040. Applicant finds in paragraph 0038 of Rutherglen that “The set of servlets 74 help create the connections between the client and the application server and the database server, and return the database query results back to the client. Applicant can find no mention in this paragraph that transferring a file between the file transfer gateway and server is performed over a virtual channel, thus Rutherglen does not teach the invention.

Similarly, while paragraph 0040 describes some aspects of communication between elements within Rutherglen, it does not specifically disclose or teach a virtual channel for transferring a file between the file transfer gateway and server, thus Rutherglen does not teach the invention with respect to claim 7.

For at least these reasons it is believed that claim 7 is allowable over Rutherglen.

Claim 11

At page 5, the Examiner rejects claim 11. Applicant has repeated claim 11 for the convenience of the Examiner.

11. (currently amended) A method of transferring a file to or from a server past a firewall, comprising the steps of:

authenticating access by a requestor to a web site behind the firewall, the web site having a web page including an applet, and the web site associated with the server;

sending the web page and the applet to the requestor;

receiving a request from the requestor to transfer the file to or from the requestor;

transferring the file between the file transfer gateway and the server
through the firewall[.];
interrupting the transferring of said file; and
restarting at some midpoint said transferring of said file between the
file transfer gateway and the server through the firewall.

Applicant has amended claim 11 to include “restarting at some midpoint said transferring of said file between the file transfer gateway and the server through the firewall.” Rutherglen is not seen to teach or disclose restarting transfer at some midpoint, thus Rutherglen does not teach the invention.

For at least these reasons it is believed that claim 11 is allowable over Rutherglen. Claims 12 – 18 depend either directly or indirectly from claim 11 and for this reason and the reasons cited incident to claim 11 are believed to be allowable over Rutherglen.

Claims 19 and 20

At page 6, the Examiner rejects claim 19. Applicant has amended claim 19 to include “restarting at some midpoint said downloading of said file from the server through the firewall over a virtual channel.” Rutherglen is not seen to teach or disclose restarting transfer at some midpoint, thus Rutherglen does not teach the invention.

For at least this reason it is believed that claim 19 is allowable over Rutherglen. Claim 20 depends directly from claim 20 and for at least this reason is believed to also be allowable.

Claims 21 and 22

At page 6, the Examiner rejects claim 21. Applicant has amended claim 21 to include “restarting at some midpoint said downloading of said file from the server through the firewall over a virtual channel.” Rutherglen is not seen to teach or disclose restarting transfer at some midpoint, thus Rutherglen does not teach the invention.

For at least this reason it is believed that claim 19 is allowable over Rutherglen. Claim 22 depends directly from claim 21 and for at least this reason is believed to be allowable over Rutherglen.

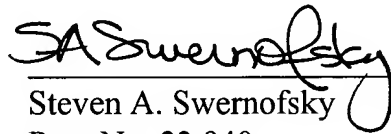
Request for Allowance

It is believed that this application is in condition for allowance. Applicants respectfully request reconsideration and allowance of this application.

If, in the opinion of the Examiner, an interview would expedite prosecution of this application, the Examiner is invited to call the undersigned attorney at the telephone number shown below.

Respectfully submitted,

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